1/7

```
   1   CAAACTTGGT GGCAACTTGC CTCCCGGTGC GGGCGTCTCT CCCCCACCGT

  51   CTCAACATGC TTAGGGGTCC GGGGCCCGGG CTGCTGCTGC TGGCCGTCCA

 101   GTGCCTGGGG ACAGCGGTGC CCTCCACGGG AGCCTCGAAG AGCAAGAGGC

 151   AGGCTCAGCA AATGGTTCAG CCCCAGTCCC CGGTGGCTGT CAGTCAAAGC

 201   AAGCCCGGTT GTTATGACAA TGGAAAACAC TATCAGATAA ATCAACAGTG

 251   GGAGCGGACC TACCTAGGCA ATGCGTTGGT TTGTACTTGT TATGGAGGAA

 301   GCCGAGGTTT TAACTGCGAG AGTAAACCTG AAGCTGAAGA GACTTGCTTT

 351   GACAAGTACA CTGGGAACAC TTACCGAGTG GGTGACACTT ATGAGCGTCC

 401   TAAAGACTCC ATGATCTGGG ACTGTACCTG CATCGGGGCT GGGCGAGGGA

 451   GAATAAGCTG TACCATCGCA AACCGCTGCC ATGAAGGGGG TCAGTCCTAC

 501   AAGATTGGTG ACACCTGGAG GAGACCACAT GAGACTGGTG GTTACATGTT

 551   AGAGTGTGTG TGTCTTGGTA ATGGAAAAGG AGAATGGACC TGCAAGCCCA

 601   TAGCTGAGAA GTGTTTTGAT CATGCTGCTG GGACTTCCTA TGTGGTCGGA

 651   GAAACGTGGG AGAAGCCCTA CCAAGGCTGG ATGATGGTAG ATTGTACTTG

 701   CCTGGGAGAA GGCAGCGGAC GCATCACTTG CACTTCTAGA AATAGATGCA

 751   ACGATCAGGA CACAAGGACA TCCTATAGAA TTGGAGACAC CTGGAGCAAG

 801   AAGGATAATC GAGGAAACCT GCTCCAGTGC ATCTGCACAG GCAACGGCCG

 851   AGGAGAGTGG AAGTGTGAGA GGCACACCTC TGTGCAGACC ACATCGAGCG

 901   GATCTGGCCC CTTCACCGAT GTTCGTGCAG CTGTTTACCA ACCGCAGCCT

 951   CACCCCCAGC CTCCTCCCTA TGGCCACTGT GTCACAGACA GTGGTGTGGT

1001   CTACTCTGTG GGGATGCAGT GGCTGAAGAC ACAAGGAAAT AAGCAAATGC

1051   TTTGCACGTG CCTGGGCAAC GGAGTCAGCT GCCAAGAGAC AGCTGTAACC
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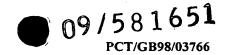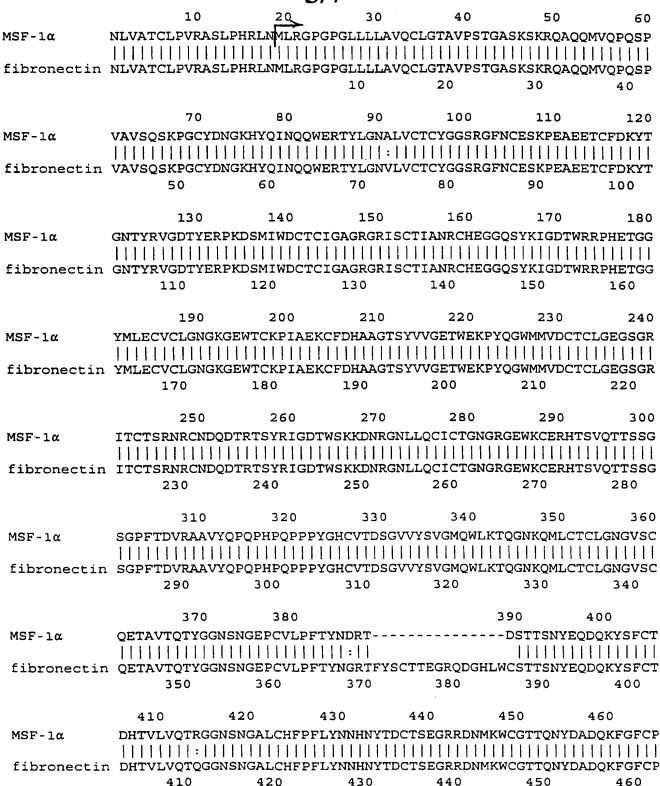
Fig 1 (part 1)

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1101   CAGACTTACG  GTGGCAACTC  AAATGGAGAG  CCATGTGTCT  TACCATTCAC

1151   CTACAACGAC  AGGACGGACA  GCACAACTTC  GAATTATGAG  CAGGACCAGA

1201   AATACTCTTT  CTGCACAGAC  CACACTGTTT  TGGTTCAGAC  TCGAGGAGGA

1251   AATTCCAATG  GTGCCTTGTG  CCACTTCCCC  TTCCTATACA  ACAACCACAA

1301   TTACACTGAT  TGCACTTCTG  AGGGCAGAAG  AGACAACATG  AAGTGGTGTG

1351   GGACCACACA  GAACTATGAT  GCCGACCAGA  AGTTTGGGTT  CTGCCCCATG

1401   GCTGCCCACG  AGGAAATCTG  CACAACCAAT  GAAGGGGTCA  TGTACCGCAT

1451   TGGAGATCAG  TGGGATAAGC  AGCATGACAT  GGGTCACATG  ATGAGGTGCA

1501   CGTGTGTTGG  GAATGGTCGT  GGGGAATGGA  CATGCATTGC  CTACTCGCAG

1551   CTTCGAGATC  AGTGCATTGT  TGATGACATC  ACTTACAATG  TGAACGACAC

1601   ATTCCACAAG  CGTCATGAAG  AGGGGCACAT  GCTGAACTGT  ACATGCTTCG

1651   GTCAGGGTCG  GGGCAGGTGG  AAGTGTGATC  CCGTCGACCA  ATGCCAGGAT

1701   TCAGAGACTG  GGACGTTTTA  TCAAATTGGA  GATTCATGGG  AGAAGTATGT

1751   GCATGGTGTC  AGATACCAGT  GCTACTGCTA  TGGCCGTGGC  ATTGGGGAGT

1801   GGCATTGCCA  ACCTTTACAG  ACCTATCCAA  GCTCAAGTGG  TCCTGTCGAA

1851   GTATTTATCA  CTGAGACTCC  GAGTCAGCCC  AACTCCCACC  CCATCCAGTG

1901   GAATGCACCA  CAGCCATCTC  ACATTTCCAA  GTACATTCTC  AGGTGGAGAC

1951   CTGTGAGTAT  CCCACCCAGA  AACCTTGGAT  ACTGAGTCTC  CTAATCTTAT

2001   CAATTCTGAT  GGTTTCTTTT  TTTCCCAGCT  TTTGAGCCAA  CAACTCTGAT

2051   TAACTATTCC  TATAGCATTT  ACTATATTTG  TTTAGTGAAC  AAACAATATG

2101   TGGTCAATTA  AATTGACTTG  TAGACTGAAA  AAAAAAAAAA  AAAAAAA
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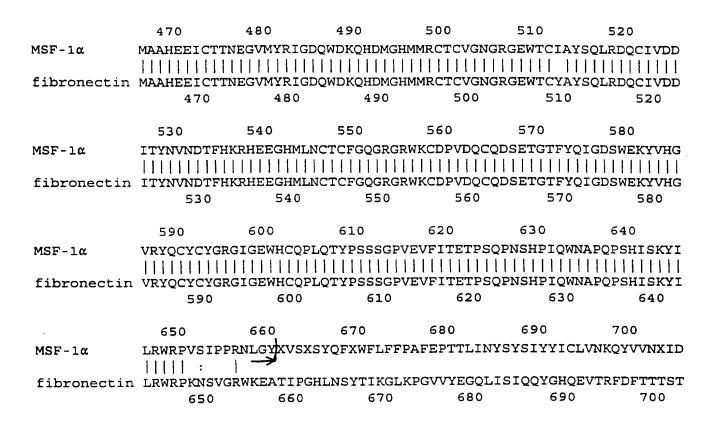
Fig 1 (part 2)

```
                 10        20        30        40        50        60
MSF-1α       NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  NLVATCLPVRASLPHRLNMLRGPGPGLLLLAVQCLGTAVPSTGASKSKRQAQQMVQPQSP
                                   10        20        30        40


                 70        80        90       100       110       120
MSF-1α       VAVSQSKPGCYDNGKHYQINQQWERTYLGNALVCTCYGGSRGFNCESKPEAEETCFDKYT
             |||||||||||||||||||||||||||||||:||||||||||||||||||||||||||||
fibronectin  VAVSQSKPGCYDNGKHYQINQQWERTYLGNVLVCTCYGGSRGFNCESKPEAEETCFDKYT
                50        60        70        80        90       100


                130       140       150       160       170       180
MSF-1α       GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  GNTYRVGDTYERPKDSMIWDCTCIGAGRGRISCTIANRCHEGGQSYKIGDTWRRPHETGG
                110       120       130       140       150       160


                190       200       210       220       230       240
MSF-1α       YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  YMLECVCLGNGKGEWTCKPIAEKCFDHAAGTSYVVGETWEKPYQGWMMVDCTCLGEGSGR
                170       180       190       200       210       220


                250       260       270       280       290       300
MSF-1α       ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  ITCTSRNRCNDQDTRTSYRIGDTWSKKDNRGNLLQCICTGNGRGEWKCERHTSVQTTSSG
                230       240       250       260       270       280


                310       320       330       340       350       360
MSF-1α       SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
             ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  SGPFTDVRAAVYQPQPHPQPPPYGHCVTDSGVVYSVGMQWLKTQGNKQMLCTCLGNGVSC
                290       300       310       320       330       340


                370       380                            390       400
MSF-1α       QETAVTQTYGGNSNGEPCVLPFTYNDRT--------------DSTTSNYEQDQKYSFCT
             |||||||||||||||||||||||||||:||            |||||||||||||||||
fibronectin  QETAVTQTYGGNSNGEPCVLPFTYNGRTFYSCTTEGRQDGHLWCSTTSNYEQDQKYSFCT
                350       360       370       380       390       400


                410       420       430       440       450       460
MSF-1α       DHTVLVQTRGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
             ||||||||:|||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin  DHTVLVQTQGGNSNGALCHFPFLYNNHNYTDCTSEGRRDNMKWCGTTQNYDADQKFGFCP
                410       420       430       440       450       460
```

Fig. 2 (part 1)

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                 470         480         490         500         510         520
MSF-1α        MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCIAYSQLRDQCIVDD
              ||||||||||||||||||||||||||||||||||||||||||||||| ||||||||||||
fibronectin   MAAHEEICTTNEGVMYRIGDQWDKQHDMGHMMRCTCVGNGRGEWTCYAYSQLRDQCIVDD
                 470         480         490         500         510         520


                 530         540         550         560         570         580
MSF-1α        ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin   ITYNVNDTFHKRHEEGHMLNCTCFGQGRGRWKCDPVDQCQDSETGTFYQIGDSWEKYVHG
                 530         540         550         560         570         580


                 590         600         610         620         630         640
MSF-1α        VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
fibronectin   VRYQCYCYGRGIGEWHCQPLQTYPSSSGPVEVFITETPSQPNSHPIQWNAPQPSHISKYI
                 590         600         610         620         630         640


                 650         660         670         680         690         700
MSF-1α        LRWRPVSIPPRNLGYXVSXSYQFXWFLFFPAFEPTTLINYSYSIYYICLVNKQYVVNXID
              |||||  :     |
fibronectin   LRWRPKNSVGRWKEATIPGHLNSYTIKGLKPGVVYEGQLISIQQYGHQEVTRFDFTTTST
                 650         660         670         680         690         700
```

Fig. 2 (part 2)

Binding site:

Fibrin
Heparin
S. aureus

Gelatin

Sequence type:

5'untranslated region

Signal

NH₃-terminal segment

I
I
I
I
I

Connecting strand

I

II
II

I
I
I

III

Unique sequence

3'untranslated region

Fig. 3

Fig. 4

This is a full-page scientific figure. The page is essentially dominated by a diagram (Fig. 5) showing Fibronectin and MSF domain structures.

Fibronectin

MSF

Fig. 5